

Work Order ID 137823

137823

Page 1

Item ID: D169-841-015

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AW169 Lower Cutter

Start Date: 10/7/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/31/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: SH Date: 20151007 Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D169-841	D	Label x2							MCS 15-11-26
100	Document Control	0.00							SHS
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D169-841-015	CHG002							
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

NOV 24 2015

DAS
28
9-89

NOV 26 2015

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

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Item ID: D169-841-015

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: AW169 Lower Cutter

Stop

NS2

Start Date: 10/7/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/31/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run

Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D169-841-015

PPR 137816

1 Stop
15/11/26

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLW 15-11-26

MLW 15-11-26

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Scrap ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Use-as-is ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐				FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
				OTHER : ☐							

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137823

D169-841-015

Required Date: 12/31/2015

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 13-07-17 JLM VERIFIED BY:DD IPP
REV:B 15.07.03 AS PER CHG002 ecn15-595 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4842-041		Manufactured	No				Each	0.0000		1			
D4842-041	BAS 27 9-89								**	137 358			DAS 6 28 9-89 9-89
Lower Cutter Assembly													
MS21042L08		Purchased	No				Each	649.0000		5			
MS21042L08									**	133483			DAS 6 28 9-89 9-89
Nut													
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				CA			101						
				m129682			101						
				GA			287						
				m133134			287						
				ST304			261						
				123900			16						
				m128401			102						
				m128429			3						
				m131317			26						
				m132930			114						
MS27039-08-24		Purchased	No				Each	407.0000		5			
MS27039-08-24									**				DAS 6 28 9-89 9-89
Screw (MS27039-0824)													
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>				
				GA			291						
				124326			291						
				ST281			116						
				125654			116						

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Picklist Print

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Work Order ID: 137823

137823

Parent Item: D169-841-015

D169-841-015

Parent Item Name: AW169 Lower Cutter

Start Date: 10/7/2015

Required Date: 12/31/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

Each

2,617.000

10

NAS1149FN832P

Washer

DAS

6

DAS

28

9-89

NOV 26 2015

Sms

Location

Loc Qty

Loc Code

GA

596

125268

596

ST260a

1000

M133284

500

M133316

500

ST267

100

125268

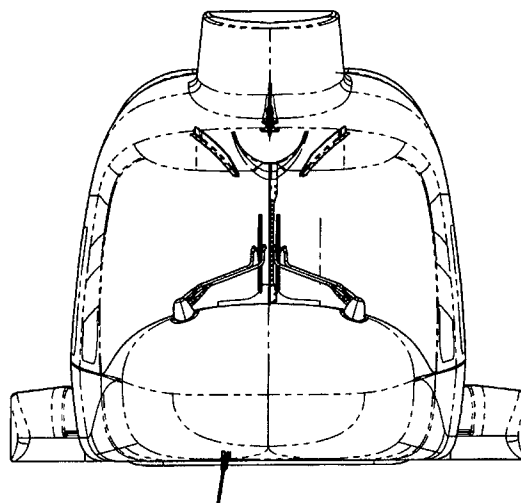
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st268

921

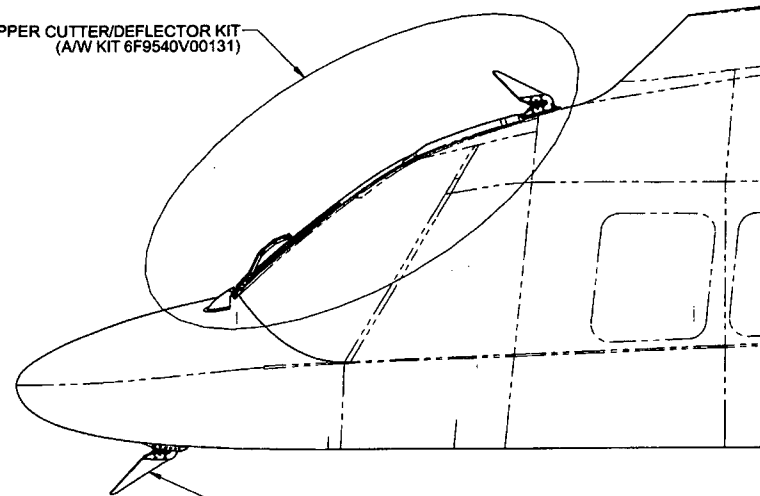
M130388

921



D169-841-011 AW169 CABLE CUTTER SYSTEM

D169-841-013 UPPER CUTTER/DEFLECTOR KIT
(A/W KIT 6F9540V00131)



D169-841-015 LOWER CUTTER KIT
(A/W KIT 6F9540V00231)

QTY -011	QTY -013	QTY -015	DART P/N	DESCRIPTION	AGUSTA WESTLAND P/N
X			D169-841-011	CABLE CUTTER SYSTEM	TBD
1	X		D169-841-013	UPPER CUTTER/DEFLECTOR KIT	6F9540V00131
1		X	D169-841-015	LOWER CUTTER KIT	6F9540V00231
	1		D4821-1	WINDSHIELD DEFLECTOR	TBD
	1		D4822-1	UPPER DEFLECTOR LH	TBD
	1		D4822-2	UPPER DEFLECTOR RH	TBD
	1		D4840-041	UPPER CUTTER ASSY	TBD
	2		D4857-041	WIPER DEFLECTOR ASSY	TBD
	8		MS27039-1-12	SCREW	N/A
	TBD		TBD	FASTENERS	N/A
		1	D4842-041	LOWER CUTTER ASSY	TBD
		5	MS21042L08	LOCKNUT	N/A
		5	MS27039-0824	SCREW	N/A
		10	NAS1149FN832P	WASHER	N/A

D	MS27039-0824 WAS MS27039-0819. REFORMAT PARTS LIST.	AJS	15.06.12
C	D4857-041 WAS D4857-1 (D4944-1 GASKETS NOW IN D4857 DRAWING). PARTS LIST: MS27039-1-12 QTY WAS 10	AJS	15.05.20
B	ADD D4944-1 GASKET (ZN A8-1) (ZN B6-2, B8-2) ADD MS27039-1-12 SCREW, D4857-1 WAS D4857-041/-042	DW	13.09.23
A	NEW RELEASE	DB	13.07.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	CP	DRAWING NO.	REV. D
MFG. APPR.	JLM	11N-D169-841	SHEET 1 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	AW169 CABLE CUTTER SYSTEM	NTS
DATE	15.06.12	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

APPROVED

